

Bo Zeng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6553692/publications.pdf>

Version: 2024-02-01

43
papers

2,911
citations

346980

22
h-index

371746

37
g-index

44
all docs

44
docs citations

44
times ranked

2598
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study on the Strong Duality of Second-Order Conic Relaxation of AC Optimal Power Flow in Radial Networks. IEEE Transactions on Power Systems, 2022, 37, 443-455.	4.6	34
2	Sequence independent lifting for a set of submodular maximization problems. Mathematical Programming, 2022, 196, 69-114.	1.6	4
3	Addressing the Conditional and Correlated Wind Power Forecast Errors in Unit Commitment by Distributionally Robust Optimization. IEEE Transactions on Sustainable Energy, 2021, 12, 944-954.	5.9	34
4	A New Heuristic Reinforcement Learning for Container Relocation Problem. Journal of Physics: Conference Series, 2021, 1873, 012050.	0.3	4
5	Stochastic network investment in integrated gas-electric systems. Electric Power Systems Research, 2021, 197, 107219.	2.1	3
6	A Risk-Averse Conic Model for Networked Microgrids Planning With Reconfiguration and Reorganizations. IEEE Transactions on Smart Grid, 2020, 11, 696-709.	6.2	51
7	Cost-effective power grid protection through defender-attacker-defender model with corrective network topology control. Energy Systems, 2020, 11, 811-837.	1.8	9
8	A sparse convex AC OPF solver and convex iteration implementation based on 3-node cycles. Electric Power Systems Research, 2020, 180, 106169.	2.1	7
9	Integrating Energy Management of Autonomous Smart Grids in Electricity Market Operation. IEEE Transactions on Smart Grid, 2020, 11, 4044-4055.	6.2	27
10	A Study on the Block Relocation Problem: Lower Bound Derivations and Strong Formulations. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1829-1853.	3.4	17
11	On bilevel minimum and bottleneck spanning tree problems. Networks, 2019, 74, 251-273.	1.6	2
12	Networked Microgrids Planning Through Chance Constrained Stochastic Conic Programming. IEEE Transactions on Smart Grid, 2019, 10, 6619-6628.	6.2	47
13	Capacity Expansion of Wind Power in a Market Environment With Topology Control. IEEE Transactions on Sustainable Energy, 2019, 10, 1834-1843.	5.9	8
14	Ambulance Deployment With Relocation Through Robust Optimization. IEEE Transactions on Automation Science and Engineering, 2019, 16, 138-147.	3.4	13
15	A note on linearized reformulations for a class of bilevel linear integer problems. Annals of Operations Research, 2019, 272, 99-117.	2.6	33
16	Least Squares Estimation Based SDP Cuts for SOCP Relaxation of AC OPF. IEEE Transactions on Automatic Control, 2018, 63, 241-248.	3.6	24
17	Stochastic and Chance-Constrained Conic Distribution System Expansion Planning Using Bilinear Benders Decomposition. IEEE Transactions on Power Systems, 2018, 33, 2696-2705.	4.6	44
18	A Chance Constrained Information-Gap Decision Model for Multi-Period Microgrid Planning. IEEE Transactions on Power Systems, 2018, 33, 2684-2695.	4.6	61

#	ARTICLE	IF	CITATIONS
19	Distributed Generation Planning Guidance Through Feasibility and Profit Analysis. IEEE Transactions on Smart Grid, 2018, 9, 5473-5475.	6.2	15
20	Optimal Allocation of Series FACTS Devices Under High Penetration of Wind Power Within a Market Environment. IEEE Transactions on Power Systems, 2018, 33, 6206-6217.	4.6	45
21	Bilevel Conic Transmission Expansion Planning. IEEE Transactions on Power Systems, 2018, 33, 4640-4642.	4.6	22
22	Bilevel Mixed Integer Transmission Expansion Planning. IEEE Transactions on Power Systems, 2018, 33, 7309-7312.	4.6	24
23	A reliable alternative of OptKnock for desirable mutant microbial strains. , 2016, , .		5
24	Robust Optimization-Based Resilient Distribution Network Planning Against Natural Disasters. IEEE Transactions on Smart Grid, 2016, 7, 2817-2826.	6.2	419
25	Distribution System Reconfiguration Under Uncertain Load and Renewable Generation. IEEE Transactions on Power Systems, 2016, 31, 2666-2675.	4.6	89
26	Sampling design for water distribution network chlorine decay calibration. Urban Water Journal, 2015, 12, 190-199.	1.0	10
27	Exploring the modeling capacity of two-stage robust optimization: Variants of robust unit commitment model. , 2015, , .		1
28	Decentralized Multiarea Robust Generation Unit and Tie-Line Scheduling Under Wind Power Uncertainty. IEEE Transactions on Sustainable Energy, 2015, 6, 1377-1388.	5.9	123
29	Exploring the Modeling Capacity of Two-Stage Robust Optimization: Variants of Robust Unit Commitment Model. IEEE Transactions on Power Systems, 2015, 30, 109-122.	4.6	162
30	Job Scheduling With Uncertain Local Generation in Smart Buildings: Two-Stage Robust Approach. IEEE Transactions on Smart Grid, 2014, 5, 2273-2282.	6.2	15
31	Optimal power grid protection through a defender-attacker-defender model. Reliability Engineering and System Safety, 2014, 121, 83-89.	5.1	165
32	Stochastic optimization for power system configuration with renewable energy in remote areas. Annals of Operations Research, 2013, 210, 411-432.	2.6	45
33	Adaptive bi-level programming for optimal gene knockouts for targeted overproduction under phenotypic constraints. BMC Bioinformatics, 2013, 14, S17.	1.2	44
34	Solving two-stage robust optimization problems using a column-and-constraint generation method. Operations Research Letters, 2013, 41, 457-461.	0.5	1,094
35	Vulnerability Analysis of Power Grids With Line Switching. IEEE Transactions on Power Systems, 2013, 28, 2727-2736.	4.6	83
36	A Stochastic Unit Commitment Model With Cooling Systems. IEEE Transactions on Power Systems, 2013, 28, 211-218.	4.6	9

#	ARTICLE	IF	CITATIONS
37	Simulation Error Characteristics of Grey Model GM(1,1) under Translation Transformation. , 2013, , .		1
38	The impact of overbooking on primary care patient no-show. IIE Transactions on Healthcare Systems Engineering, 2013, 3, 147-170.	0.8	12
39	Network-based methods to identify highly discriminating subsets of biomarkers. , 2012, , .		1
40	Chemotherapy operations planning and scheduling. IIE Transactions on Healthcare Systems Engineering, 2012, 2, 31-49.	0.8	80
41	A polyhedral study on 0-1 knapsack problems with disjoint cardinality constraints: Strong valid inequalities by sequence-independent lifting. Discrete Optimization, 2011, 8, 259-276.	0.6	12
42	A Framework to Derive Multidimensional Superadditive Lifting Functions and Its Applications. , 2007, , 210-224.		7
43	A Practical Scheme to Compute the Pessimistic Bilevel Optimization Problem. INFORMS Journal on Computing, 0, , .	1.0	2